

2009 BEST Returnable Kit List

Qty	Item Description	Manufacturer/Source	Part Number
1	4 Channel Transmitter	Futaba	Conquest FP-4NBF, Skysport 4VF-FM75, or Skysport 4YF-FM75
1	7 Channel Receiver w/crystal (in box w/ribbon cable)	Futaba	R127DF or R168DF
2	Large Motor	Globe	Globe Motors 455A116-2
2	Small Motor	Globe	Globe Motors 415A157-2
1	BRAIN Controller	Best Robotics Inc	
	7.2 V 1500 mAh battery - modified for powerpole connectors - one battery on machine only	Tower Hobbies	TOWC1030 (alt - LXAFD2)
3	servo	Futaba	S3003, S3004 or S148
3	servo horn screw	Tower Hobbies	FUTM2260 (10 pack)
2	small round servo horn	Tower Hobbies	LXH364
1	large round servo horn	Tower Hobbies	LXH362
2	4-arm servo horn	Tower Hobbies	LXH365
2	6-arm servo horn	Tower Hobbies	LXH363
1	8" servo extension wire	Tower Hobbies	LXH446
1	24" servo extension wire	Tower Hobbies	LXL295
2	40" servo extension wire	Dymond Modelsport	10415
12	rubber grommet	Tower Hobbies	FUTM2310 (20 pack)
12	brass spacer	Tower Hobbies	FUTM3650 (20 pack)
12	servo mounting screw	Tower Hobbies	FUTM2250 (10 pack)
1	3/16 bore, 18 groove, plastic drive pulley with metal insert	Stock Drive Products	A 6T16-018DF2506
1	3/16 bore, 18 groove, plastic pulley	Stock Drive Products	A 6M16-018DF2506
1	1/4 Bore 130 groove, plastic drive pulley with metal insert	Stock Drive Products	A 6Z16-130DF2508
1	180 Groove, 0.080 pitch, 1/4 wide belt	Stock Drive Products	A 6Z16-180025
1	0.080 pitch, 1/4 wide belt stock, 3 ft long	Stock Drive Products	A 6Z16RL31892
1	3/16 dia, 3/4 long shoulder screw w/ 8-32 thread	Stock Drive Products	A 9X25-0624
4	R4AZZ Ball Bearing (0.25 ID x 0.75 OD x 0.28 wide)	National Precision	R4AZZ
1	Infrared (IR) emitter with servo interface cable	Best Robotics Inc	2009 Game Item
Return Kit Items that cannot be used on the robot			
1	Battery Charger (large)	Hobbico	905 (or alternate hub supplied)
1	Charger Adapter (PowerPole to Kyosho connector)	None - Assembly	
1	Charger for Transmitter (small)	Tower Hobbies	LXH359
1	spare servo horn screw	Tower Hobbies	FUTM2260 (10 pack)
1	spare 20A fuse for BRAIN	McMaster Carr	7460K31 (specify 20A)
1	spare fuse for battery charger	Varies	
1	Neck Strap (Not used by all hubs)	Tower Hobbies	LXJB97
1	Tether Cable for BRAIN	Best Robotics Inc	N/A
1	BRAIN installation CD	Best Robotics Inc	N/A
1	USB Cable for BRAIN	Best Robotics Inc	N/A
1	Transmitter/Receiver Instructions	Futaba	N/A
any	Containers, bags, boxes		